



Image may be representation.
See specifications for product details.



MBR30L45CTG

Manufacturer Part Number	MBR30L45CTG
Manufacturer	onsemi
Allelco Part Number	32D-MBR30L45CTG
ECAD Model	Request Free CAD Models
Parts Description	DIODE ARRAY SCHOTTKY 45V TO220AB
Package	TO-220-3
Data sheet	MBR(F)30L45CTG.pdf

Get a Quote

MBR30L45CTG - onsemi.New Original in Stock. Download Linear Technology MBR30L45CTG datasheet/specifications on AllelcoElec.com.
Request a quote for MBR30L45CTG, please send us email: info@allelco.com

Specifications

MBR30L45CTG Tech Specifications

MBR30L45CTG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tube
Voltage - Forward (Vf) (Max) @ If	500 mV @ 15 A	Operating Temperature - Junction	-55°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	45 V	Mounting Type	Through Hole
Technology	Schottky	Diode Configuration	1 Pair Common Cathode
Supplier Device Package	TO-220	Current - Reverse Leakage @ Vr	650 µA @ 45 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io) (per Diode)	15A
Series	SWITCHMODE™	Base Product Number	MBR30L45
Package / Case	TO-220-3		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MBR30L45CTG

Product Attribute				
Part Number	MBR30L45CTG	MBR30H60CT-E3/45	MBR30L60CTG	MBR30L120CT
Manufacturer	onsemi	Vishay General Semiconductor - Diodes Division	onsemi	Taiwan Semiconductor Corporation
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Current - Reverse Leakage @ Vr	650 µA @ 45 V	60 µA @ 60 V	350 µA @ 60 V	20 µA @ 120 V
Series	SWITCHMODE™	-	SWITCHMODE™	-
Base Product Number	MBR30L45	MBR30	MBR30L60	MBR30
Supplier Device Package	TO-220	TO-220-3	TO-220	TO-220AB
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode
Operating Temperature - Junction	-55°C ~ 150°C	-65°C ~ 175°C	-55°C ~ 150°C	-55°C ~ 150°C
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Package	Tube	Tube	Tube	Tube
Technology	Schottky	Schottky	Schottky	Schottky
Voltage - Forward (Vf) (Max) @ If	500 mV @ 15 A	680 mV @ 15 A	620 mV @ 15 A	950 mV @ 30 A
Voltage - DC Reverse (Vr) (Max)	45 V	60 V	60 V	120 V
Current - Average Rectified (Io) (per Diode)	15A	15A	15A	30A
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-220-3

MBR30L45CTG Datasheet PDF

Download MBR30L45CTG pdf datasheets and onsemi documentation for MBR30L45CTG - onsemi.

Datasheets

[MBR\(F\)30L45CTG.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Obsolescence/ EOL

[Multiple Devices 30/Sept/2011.pdf](#)

Customers Also Interested in

Recommended Products



MBR3100G onsemi DIODE SCHOTTKY 100V 3A AXIAL	MBR30H60CT-E3/45 Vishay General Semiconductor - Diodes Division DIODE ARRAY SCHOTTKY 60V TO220AB	MBR30L60CTG onsemi DIODE ARRAY SCHOTTKY 60V TO220AB	MBR30L120CT Taiwan Semiconductor Corporation DIODE ARRAY SCHOTTKY 120V TO220	MBR30L100 LITEON	MBR30L45CT Taiwan Semiconductor Corporation DIODE ARRAY SCHOTTKY 45V TO220AB
MBR30L60CT Taiwan Semiconductor Corporation DIODE ARRAY SCHOTTKY 60V TO220AB	MBR30L45G AMI Semiconductor/onsemi	MBR30H60CT Diodes Incorporated	MBR30H60G AMI Semiconductor/onsemi	MBR3100PT LITEON	MBR30L60T Taiwan Semiconductor
MBR30H60CTG onsemi DIODE ARRAY SCHOTTKY 60V TO220AB	MBR30T1 AMI Semiconductor/onsemi	MBR3100 onsemi DIODE SCHOTTKY 100V 3A AXIAL	MBR30L100CT Taiwan Semiconductor Corporation DIODE ARRAY SCHOTTKY 100V TO220	MBR30L150A	MBR30H60CTE3 AMI Semiconductor/onsemi

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone
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- Email
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Certifications & Memberships



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Contact us

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